

User/analysis charges for TEM/SEM/TG-DSC and other instruments at CIC, Madurai Kamaraj University, Madurai-21, with effect from 23.9.2019.

S. No.	Facility	Analysis Details	Internal (MKU) Users (Rs)	Educational Institutions (Rs)	National R & D Labs (Rs)	Industries (Includes 18% GST) (Rs)
1	High Resolution Transmission Electron Microscope (HR-TEM)	TEM Image	800	1600	2400	5310
		HR-TEM Image	1200	2400	3500	8260
		SAED Pattern	300	500	600	1416
		* The above rates are per sample (or) 90 min whichever is greater. The time includes specimen loading, vacuuming and analysis. Additional charge will be applicable if more than 90 min per sample is used. * The users shall provide their own TEM grid & prepare the specimen themselves. * Cu grid (carbon coated) & specimen preparation - Rs.400/- per sample (if needed).				
2	Scanning Electron Microscope (SEM)	SEM Image	350	500	800	1400
		EDAX	150	250	300	500
		* Rates are per sample (or) 1 h (includes specimen loading, vacuuming and analysis) whichever is higher. *SEM rates Rs.250/- for users from School of Chemistry, MKU.				
3	TG-DSC	50 to 700 °C	400	800	1000	1500
		50 to 1300 °C	600	1200	1500	2000
		Charges are for 20 °C/min heating rate; *TG/DSC rates - Rs.300/- (upto 700 °C ) & Rs. 450/- (> 700 °C) applicable for users from School of Chemistry, MKU. For 10 °C/min heating rate, 1.5 times of above charges applicable.				
4	UV-vis Spectrophotometer	Solution*	100	100	200	300
		DRS	200	300	400	600
		*For multiple measurements Rs. 200 per hour.				
5	Spectrofluorometer	PL Spectra	150	250	400	500
		*For multiple measurements Rs. 500 per hour.				
6	Solar Simulator & IPCE system	Solar Cell I-V Measurements	150	300	500	600
		Solar Cell IPCE Measurements	500	1000	1500	2000
7	VASP/Gaussian/Schrodinger	Each 6 hour slot	100	200	Not permitted	

Note: 1. For internal users, a maximum of 3 Samples per Faculty per month in TEM/HR-TEM and 4 Samples per Faculty per month in SEM/EDAX will be allowed.

2. The internal users shall acknowledge the CIC facility usage in the publications/reports/thesis.

3. The amount shall be paid to the A/C No. 36562818781 (UPE A/C No.IV),

SBI, MK University Branch; IFSC: SBIN0002235